



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 08/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 24/09/2021 up to midnight on 07/10/2021

	Number	Percent
Total number of confirmed cases	17,960	
National incidence of confirmed cases per 100,000 population	377.2	
Number of cases hospitalised*	348	1.94
Number of cases admitted to ICU*	16	0.09
Males	8,745	48.7
Females	9,154	51.0
M:F ratio	0.96	
Median age (years)	33	
Mean age (years)	34	
Age range (years)	0-101	

Note: This report will not include data on enhanced surveillance information such as most likely source of transmission and travel. These will now be reported on a weekly basis.

* The number of cases hospitalised and admitted to ICU described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 08/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

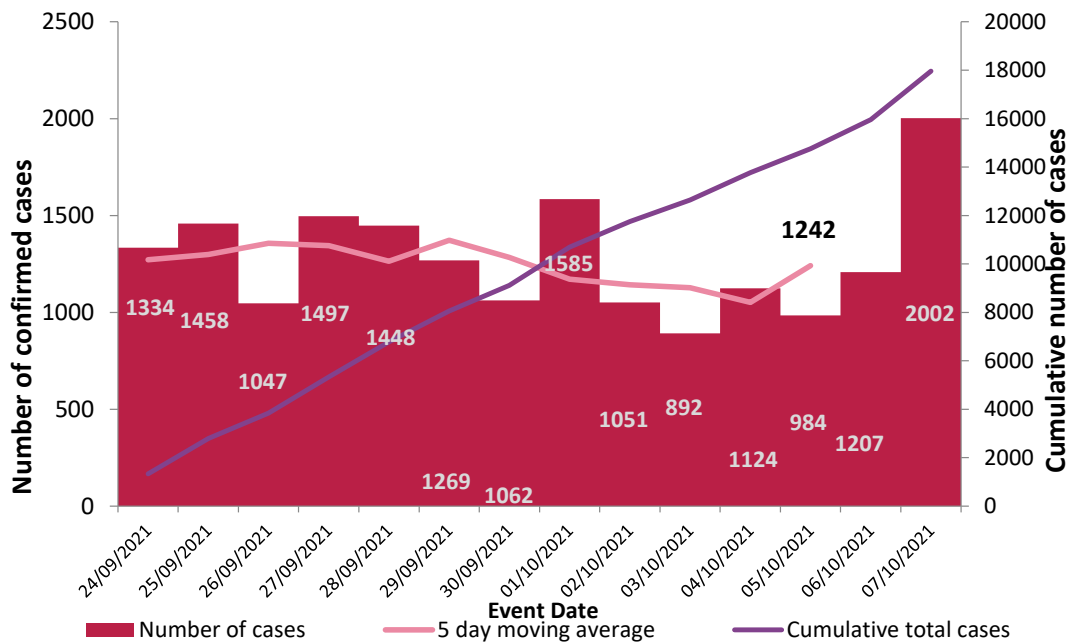


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=17960)

*Notifications of COVID-19 cases on CIDR may not correspond to the date of laboratory diagnosis. Notifications may be reduced at weekends. Cases diagnosed at weekends may be reflected in notifications early the following week

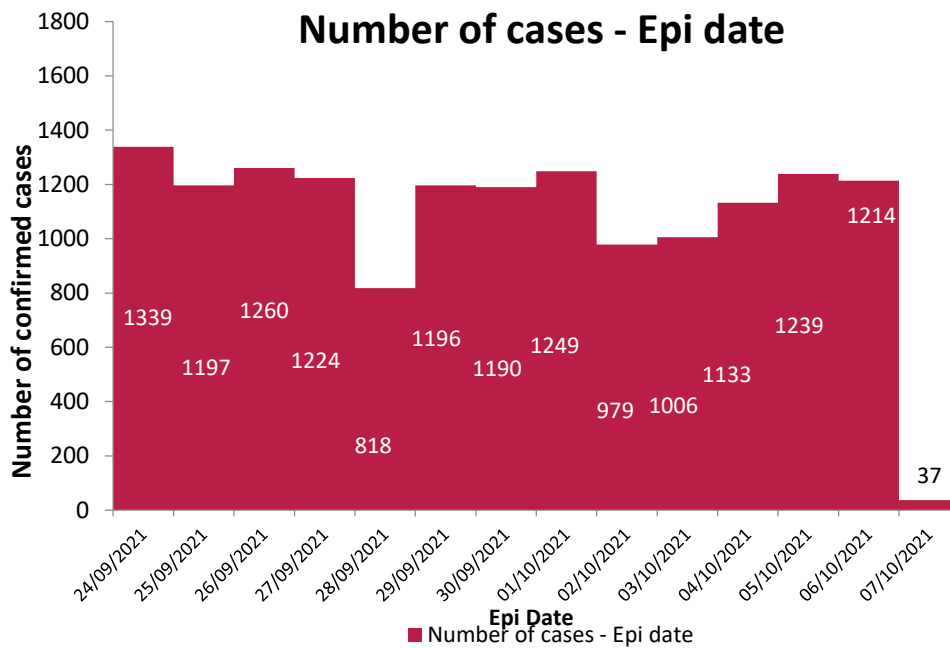


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*Epidemiological date is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR.

Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 24/09/2021 up to midnight on 07/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		17,960	100
Sex	Male	8,745	48.7
	Female	9,154	51.0
	Unknown	61	0.3
Age	Median age (years)	33	
	Mean age (years)	34	
	Age range (years)	0-101	
	0-4 yrs	939	5.2
	5-12 yrs	2765	15.4
	13-18 yrs	1387	7.7
	19-24 yrs	1867	10.4
	25-34 yrs	2453	13.7
	35-44 yrs	2847	15.9
	45-54 yrs	2086	11.6
	55-64 yrs	1687	9.4
	65-74 yrs	1148	6.4
	75-84 yrs	546	3.0
	85+ yrs	232	1.3
	Unknown	3	
	Total	17,960	

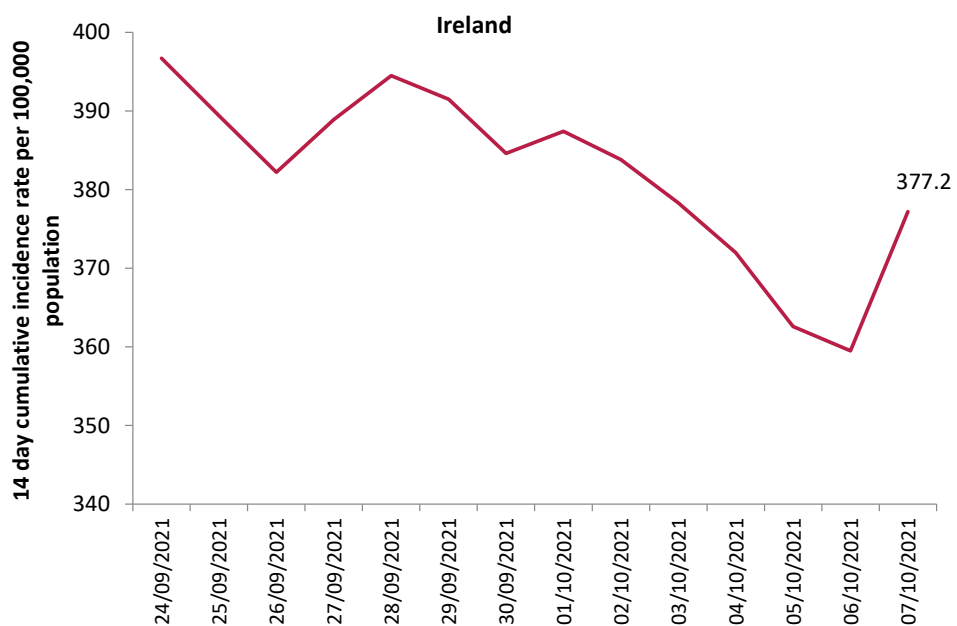


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 24/09/2021 up to midnight on 07/10/2021

*14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 1 of this report

Table 2: Number of confirmed COVID-19 cases by county notified in Ireland from 24/09/2021 up to midnight on 07/10/2021, 7 day numbers are reported from 01/10/2021 up to midnight on 07/10/2021

County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (03/10/2021 - 07/10/2021)
Waterford	408	351.2	719	618.9	56.75	58
Longford	138	337.6	279	682.6	49.46	16
Carlow	189	332.0	344	604.2	54.94	29
Kerry	410	277.6	708	479.3	57.91	54
Donegal	440	276.4	924	580.4	47.62	67
Monaghan	162	263.9	314	511.5	51.59	21
Cavan	180	236.3	370	485.7	48.65	23
Limerick	454	232.9	870	446.4	52.18	67
Leitrim	68	212.2	136	424.4	50.00	9
Louth	252	195.5	528	409.7	47.73	36
Westmeath	167	188.1	297	334.6	56.23	25
Clare	217	182.6	400	336.7	54.25	28
Meath	355	182.0	751	385.0	47.27	43
Galway	461	178.6	865	335.2	53.29	71
Dublin	2,377	176.4	5298	393.2	44.87	336
Sligo	111	169.4	214	326.5	51.87	14
Kildare	363	163.1	799	359.1	45.43	51
Roscommon	104	161.1	236	365.6	44.07	15
Laois	136	160.6	265	312.9	51.32	19
Cork	849	156.4	1650	303.9	51.45	119
Offaly	116	148.8	223	286.0	52.02	16
Wexford	208	138.9	384	256.5	54.17	30
Wicklow	196	137.6	353	247.8	55.52	29
Kilkenny	134	135.0	243	244.9	55.14	19
Tipperary	205	128.5	447	280.2	45.86	27
Mayo	145	111.1	343	262.8	42.27	24
Unknown/Other						
Total	8,845	185.7	17960	377.2	49.25	1242

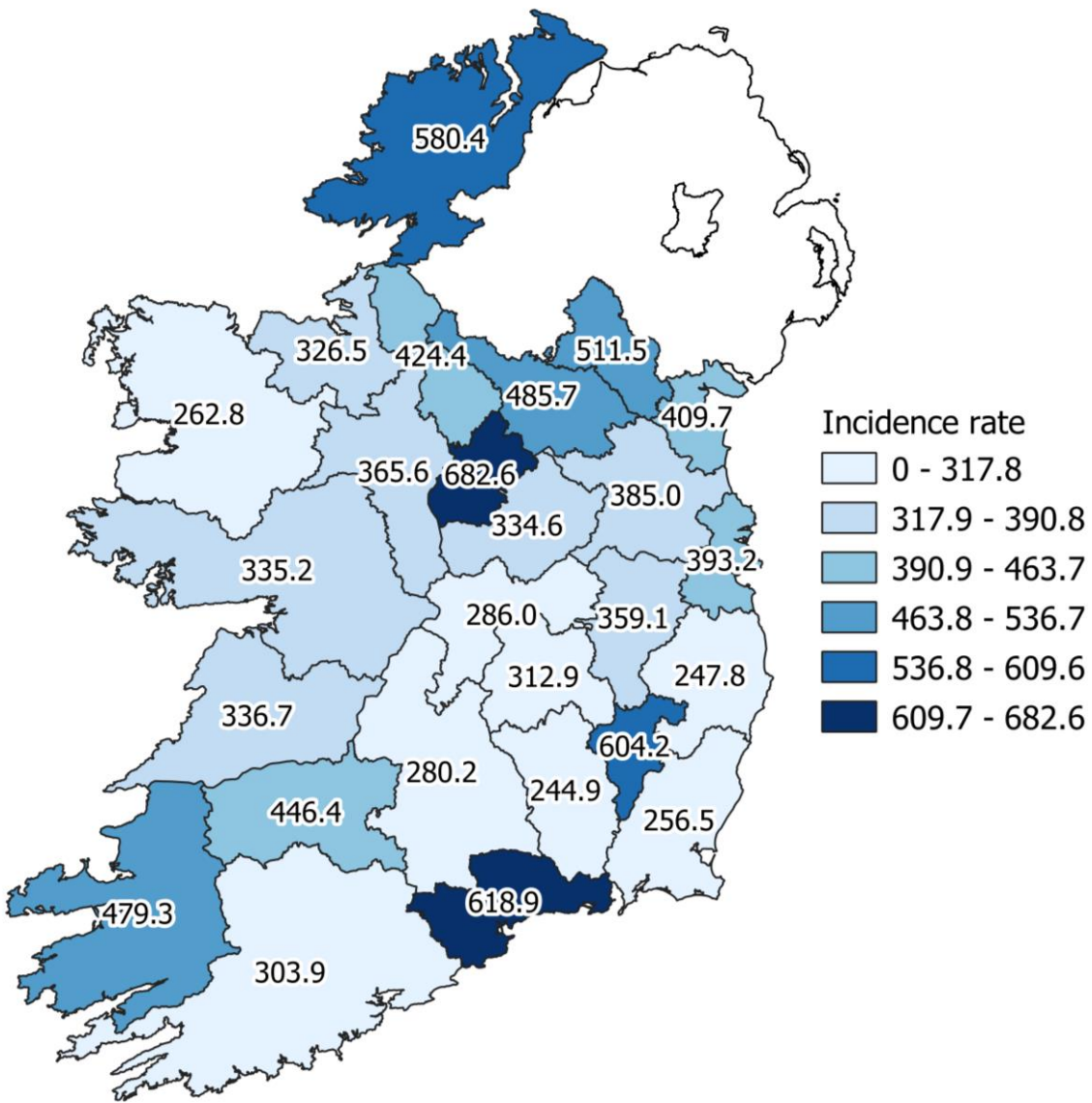


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 24/09/2021 up to midnight on 07/10/2021

Please do not directly compare county shades to previous maps. The categories listed will change as the number of cases change, which may result in changes to the map shading.

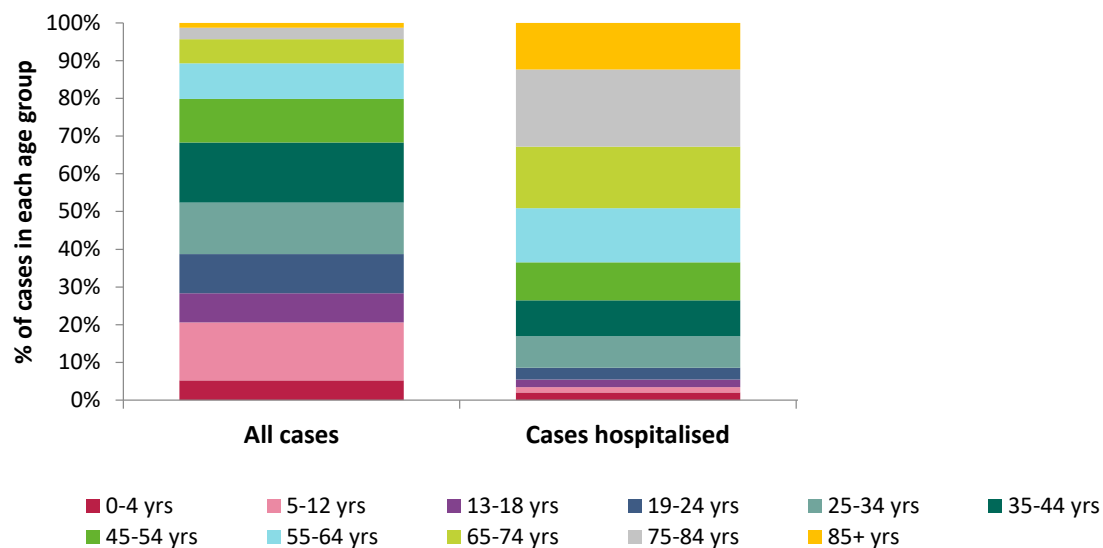


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 24/09/2021 up to midnight on 07/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 24/09/2021 up to midnight on 07/10/2021, by age group, hospitalisation and ICU admission*

Age Group (years)	Number of cases (n)	Number of cases (%)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)	Cases admitted to ICU (%)
0-4 yrs	939	5.2	7	2.0	<5	-
5-12 yrs	2765	15.4	5	1.4	<5	-
13-18 yrs	1387	7.7	7	2.0	<5	-
19-24 yrs	1867	10.4	11	3.2	<5	-
25-34 yrs	2453	13.7	29	8.3	<5	-
35-44 yrs	2847	15.9	33	9.5	<5	-
45-54 yrs	2086	11.6	35	10.1	<5	-
55-64 yrs	1687	9.4	50	14.4	<5	-
65-74 yrs	1148	6.4	57	16.4	<5	-
75-84 yrs	546	3.0	71	20.4	5	31.3
85+ yrs	232	1.3	43	12.4	<5	-
Unknown	3	0.0	0	0.0	0	0.0
Total	17960	100	348	100	16	100

* The number of cases hospitalised and admitted to ICU described in the above table and figure relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

Table 4: Daily number of confirmed COVID-19 cases notified in Ireland from 24/09/2021 up to midnight on 07/10/2021

Date	Number of confirmed cases
24/09/2021	1334
25/09/2021	1458
26/09/2021	1047
27/09/2021	1497
28/09/2021	1448
29/09/2021	1269
30/09/2021	1062
01/10/2021	1585
02/10/2021	1051
03/10/2021	892
04/10/2021	1124
05/10/2021	984
06/10/2021	1207
07/10/2021	2002
Total	17,960

Acknowledgements

Sincere thanks are extended to all those who are participating in the collection of data and reporting of data used in these reports. This includes the HSE COVID-19 Contact Management Programme (CMP), staff in ICU units, notifying clinicians, laboratory staff, public health doctors, nurses, surveillance scientists, microbiologists and administrative staff.

Report prepared by COVID-19 Epidemiology Team, HPSC

Technical Notes

1. Data Source

Data are based on statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

2. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-12 years, 13-18 years, 19-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and ≥ 85 years.

3. Epidemiological date

The epi-date is the epidemiological date for a case. It is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR. By using this date rather than event creation/ notification date, adjusts for any delays in testing/notification.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (24/09/2021 to 07/10/2021)

